### ACT Profile Report - State

Graduating Class 2009 New Hampshire



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Average ACT English and Writing Scores by Race/Ethnicity and Gender for students who took ACT Writing

**Graduating Class 2009** 

This report provides information about the performance of your 2009 graduating seniors who took the ACT as sophomores, juniors, or seniors; and self-reported at the time of testing that they were scheduled to graduate in 2009 and tested under standard time conditions.

This report focuses on:

Performance - student test performance in the context of college readiness

Access - number of your graduates exposed to college entrance testing and the percent of race/ethnicity participation

Course Selection - percent of students pursuing a core curriculum

Course Rigor - impact of rigorous coursework on achievement

College Readiness - percent of students meeting ACT College Readiness Benchmark Scores in each content area

Awareness - extent to which student aspirations match performance

Articulation - colleges and universities to which your students send test results

Each year, test data for a school, district, and the state represents a different cohort of students. ACT encourages educators to focus on trends (3, 5, 10 years), not year-to-year changes. Such changes can represent normal – even expected – fluctuations. On the other hand, trend lines offer more insight into what is happening in a school, district, or the state.

Further, ACT encourages educators to measure student performance in the context of college readiness measures. The focus should be on the number and percentage of students meeting or exceeding ACT's College Readiness Benchmark Scores, a measure that is much more meaningful and understandable than an average composite score for a group of students.

#### The ACT is a curriculum-based measure of college readiness. ACT components include:

Tests of academic achievement in English, math, reading, science, and writing (optional)
High school grade and course information
Student Profile Section
Career Interest Inventory

#### The ACT:

Every few years, ACT conducts the **ACT National Curriculum Survey** to ensure its curriculum-based assessment tools accurately measure the skills high school teachers teach and instructors of entry-level college courses expect. The ACT is the only college readiness test designed to reflect the results of such a survey.

ACT's **College Readiness Standards** are sets of statements intended to help students, parents and educators understand the meaning of test scores. The standards relate test scores to the types of skills needed for success in high school and beyond. They serve as a direct link between what students have learned and what they are ready to do next. The ACT is the only college readiness test for which scores can be tied directly to standards.

Only the ACT reports **College Readiness Benchmark Scores** – A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college courses, which include English Composition, Algebra, Social Science and Biology. These scores were empirically derived based on the actual performance of students in college. The College Readiness Benchmark Scores are:

College Course/Course Area	ACT Test	Benchmark Score
English Composition	English	18
Algebra	Mathematics	22
Social Sciences	Reading	21
Biology	Science	24

For more information, go to www.act.org

**Graduating Class 2009** 

Total Students in Report: 2,469

#### **How to Improve Scores and Increase College Readiness**

36% of your students met all four ACT College Readiness Benchmark Scores (Table 1.1). To improve students' scores and increase the percentage of students identified as college ready, ACT suggests:

PROVIDING ACCESS FOR ALL STUDENTS TO TAKE THE ACT: 2,469 of your students are included in this report (the 'cohort'). Increasing access insures that more students have the opportunity to consider college and allows the reader to use this report to evaluate how well courses and instructional programs are preparing students for college and work.

MAKING CORE CURRICULUM A PRIORITY: Emphasize the need for all students to develop college and work ready skills, regardless of postsecondary aspirations. 77% of the students in the cohort reported taking courses that would be considered 'Core or More' (Table 1.4).

MAKING SURE STUDENTS ARE TAKING THE RIGHT KINDS OF COURSES: Table 3.2 reports 2% of the cohort took less than three years of math courses. Of these students, 18% were college ready. 6% of the cohort reported taking the minimum math core (Algebra I, Algebra II, and Geometry), 20% of these students were college ready. In comparison, 68% of the students who advanced beyond minimum math core were college ready. Getting more students ready for Algebra prior to 9th grade will increase the chances that students will be prepared for and take advancedlevel math courses.

Similarly, Table 3.2 reports 5% of the cohort took less than three years of natural science courses. 12% of these students were college ready. In comparison, 43% of students who took at least three years of science coursework were college ready.

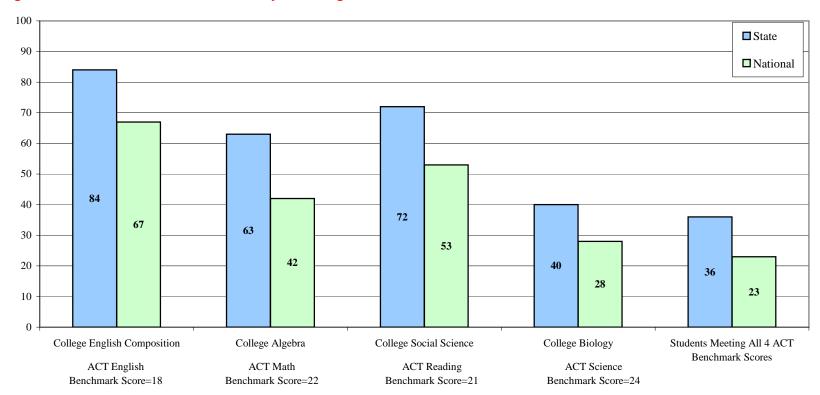
EVALUATING RIGOR OF COURSES: Table 2.6 reports the percentage of students falling in each of the ACT College Readiness Standards score ranges. For example, approximately 27% of the cohort fall into the lowest three Mathematics score ranges. To increase these students' achievement, identify the standards they should focus on next by accessing ACT's College Readiness Standards at www.act.org/standard.

PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS: Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 518-869-7378.

# Section I Executive Summary

Figure 1.1. Percent of Your Students Ready for College-Level Coursework



A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college course.

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Total Students in Report: 2,469

Table 1.1. Five Year Trends—Percent of Students Meeting College Readiness Benchmarks

	Number of	of Students	Percent Meeting Benchmarks											
	Те	sted	Eng	glish	Mathe	ematics	Reading		Science		Meeting All Four			
Year	State	National	State	National	State	National	State	National	State	National	State	National		
2005	1,578	1,186,251	77	68	53	41	63	51	34	26	28	21		
2006	1,779	1,206,455	80	69	57	42	66	53	34	27	29	21		
2007	2,269	1,300,599	83	69	57	43	65	53	38	28	32	23		
2008	2,548	1,421,941	82	68	59	43	68	53	39	28	33	22		
2009	2,469	1,480,469	84	67	63	42	72	53	40	28	36	23		

Table 1.2. Five Year Trends—Average ACT Scores

	Number	Number of Students		Average ACT Scores									
	Те	ested	English Mathematics		ematics	Reading		Science		Composite			
Year	State	National	State	National	State	National	State	National	State	National	State	National	
2005	1,578	1,186,251	21.9	20.4	22.1	20.7	23.0	21.3	21.8	20.9	22.3	20.9	
2006	1,779	1,206,455	22.4	20.6	22.5	20.8	23.2	21.4	21.8	20.9	22.6	21.1	
2007	2,269	1,300,599	22.7	20.7	22.7	21.0	23.3	21.5	22.2	21.0	22.9	21.2	
2008	2,548	1,421,941	23.0	20.6	23.0	21.0	23.7	21.4	22.2	20.8	23.1	21.1	
2009	2,469	1,480,469	23.3	20.6	23.4	21.0	24.1	21.4	22.6	20.9	23.5	21.1	

Table 1.3. Five Year Trends—Average ACT Scores Nationwide

	Number of Students		P	verage ACT Scores		
Year	Tested	English	Mathematics	Reading	Science	Composite
2005	1,186,251	20.4	20.7	21.3	20.9	20.9
2006	1,206,455	20.6	20.8	21.4	20.9	21.1
2007	1,300,599	20.7	21.0	21.5	21.0	21.2
2008	1,421,941	20.6	21.0	21.4	20.8	21.1
2009	1,480,469	20.6	21.0	21.4	20.9	21.1

Table 1.4. Five Year Trends—Average ACT Scores by Level of Preparation

									Average A	ACT Scores				
		of Students sted	Perc	cent <sup>2</sup>	Eng	glish	Mathe	ematics	Rea	ading	Sci	ence	Com	posite
Year	Core or	Less than Core	Core or More	Less than Core	Core or More	Less than Core								
2005	718	470	46	30	22.5	21.1	22.7	21.4	23.6	22.3	22.3	21.2	22.9	21.7
2006	683	547	38	31	23.7	22.1	23.3	22.4	24.6	22.8	22.7	21.7	23.7	22.4
2007	939	714	41	31	23.7	22.2	23.5	21.9	24.4	22.9	23.1	21.7	23.8	22.3
2008	1,545	678	61	27	23.6	22.6	23.5	22.6	24.3	23.3	22.6	21.8	23.6	22.7
2009	1,899	457	77	19	23.6	22.8	23.7	22.9	24.4	23.7	22.9	22.0	23.8	23.0

<sup>&</sup>lt;sup>1</sup>"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity

	20	2005		2	006		2	007		20	800		2009		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	1,578	100	22.3	1,779	100	22.6	2,269	100	22.9	2,548	100	23.1	2,469	100	23.5
African American/Black	16	1	21.7	28	2	19.8	35	2	20.4	45	2	21.5	51	2	20.2
American Indian/Alaska Native	3	0	23.3	6	0	20.3	6	0	23.2	6	0	20.8	7	0	23.7
Caucasian American/White	1,218	77	22.3	1,249	70	22.5	1,509	67	22.8	1,966	77	23.0	2,021	82	23.4
Hispanic	20	1	18.6	29	2	21.6	44	2	21.5	43	2	21.7	41	2	22.5
Asian American/Pacific Islander	24	2	22.0	52	3	24.1	43	2	24.0	61	2	24.5	61	2	25.7
Other/No Response	297	19	22.8	415	23	22.8	632	28	23.1	427	17	23.8	288	12	24.4

<sup>&</sup>lt;sup>2</sup>Percent of all students tested. Numbers will not add up to 100% due to student non-response.

### Section II Academic Achievement

Table 2.1. ACT Score Distributions, Cumulative Percentages (CP<sup>1</sup>), and Score Averages

ACT Scale	Eng	glish	Mathe	matics	Rea	ding	Sci	ence	Com	posite	ACT Scale
Score	N	CP	N	СР	N	CP	N	CP	N	СР	Score
36	10	100	13	100	41	100	5	100	0	100	36
35	36	100	17	99	10	98	13	100	3	100	35
34	46	98	40	99	77	98	11	99	18	100	34
33	61	96	68	97	93	95	28	99	31	99	33
32	63	94	59	94	58	91	17	98	51	98	32
31	69	91	40	92	125	89	43	97	64	96	31
30	92	88	51	90	136	84	73	95	109	93	30
29	74	85	134	88	121	78	73	92	103	89	29
28	135	82	121	83	95	73	78	89	139	85	28
27	93	76	129	78	115	69	86	86	154	79	27
26	188	72	204	73	154	65	177	83	183	73	26
25	157	65	200	65	123	58	230	76	196	65	25
24	162	59	202	56	156	54	153	66	186	57	24
23	160	52	148	48	139	47	254	60	204	50	23
22	191	45	134	42	146	42	201	50	165	42	22
21	189	38	130	37	185	36	208	42	175	35	21
20	143	30	113	32	150	28	232	33	148	28	20
19	124	24	113	27	102	22	173	24	158	22	19
18	91	19	135	22	75	18	118	17	100	15	18
17	76	16	164	17	108	15	77	12	97	11	17
16	79	13	120	10	72	11	56	9	76	7	16
15	76	9	90	5	60	8	46	7	48	4	15
14	43	6	34	2	52	5	39	5	26	2	14
13	29	4	8	1	39	3	40	3	26	1	13
12	29	3	0	1	17	1	16	2	7	1	12
11	21	2	0	1	13	1	9	1	1	1	11
10	14	1	1	1	4	1	8	1	1	1	10
9	13	1	1	1	2	1	1	1	0	1	9
8	2	1	0	1	1	1	2	1	0	1	8
7	1	1	0	1	0	1	1	1	0	1	7
6	2	1	0	1	0	1	0	1	0	1	6
5	0	1	0	1	0	1	0	1	0	1	5
4	0	1	0	1	0	1	0	1	0	1	4
3	0	1	0	1	0	1	1	1	0	1	3
2	0	1	0	1	0	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	23.3	(5.7)	23.4	(5.2)	24.1	(5.8)	22.6	(4.6)	23.5 (4.7)		Avg (SD)

<sup>1</sup>CP is the cumulative percent of students at or below a score point.

Note: Shaded portions of columns identify the students who met/exceeded the ACT College Readiness Benchmark Scores.

Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP1), and Subtest Score Averages

		Engl	lish			Rea	ding				Mathem	atics			
ACT Scale	Usage/ Med	chanics	Rhetorica	al Skills	Social St	tudies	Arts/ Lite	erature	Pre/Elen Alge	•	Algebra/ Co Geom		Plane Ge Trigono	•	ACT Scale
Score	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	Score
18	161	100	37	100	124	100	215	100	135	100	45	100	54	100	18
17	140	93	22	99	162	95	104	91	271	95	29	98	15	98	17
16	167	88	213	98	194	88	309	87	190	84	142	97	154	97	16
15	232	81	241	89	297	81	288	75	210	76	138	91	218	91	15
14	148	72	272	79	192	69	289	63	209	67	354	86	287	82	14
13	219	66	280	68	196	61	160	51	216	59	231	71	394	71	13
12	225	57	373	57	275	53	218	45	290	50	341	62	217	55	12
11	253	48	273	42	202	42	195	36	236	38	249	48	344	46	11
10	286	37	267	31	180	33	151	28	212	29	415	38	249	32	10
9	224	26	181	20	269	26	141	22	125	20	227	21	200	22	9
8	114	17	158	13	151	15	169	16	182	15	160	12	184	14	8
7	119	12	66	6	132	9	88	9	133	8	53	6	40	6	7
6	87	7	29	3	59	4	63	6	44	2	29	3	57	5	6
5	50	4	24	2	22	1	53	3	9	1	38	2	30	2	5
4	31	2	23	1	6	1	14	1	5	1	3	1	6	1	4
3	11	1	10	1	5	1	9	1	1	1	13	1	13	1	3
2	1	1	0	1	2	1	3	1	1	1	1	1	3	1	2
1	1	1	0	1	1	1	0	1	0	1	1	1	4	1	1
Avg (SD)	11.9 (3	5.6)	11.9 (	2.9)	12.2 (3	3.4)	12.7 (	3.6)	12.6 (	(3.4)	11.6 (2	2.8)	11.8 (	(2.9)	Avg (SD)

<sup>&</sup>lt;sup>1</sup>CP is the cumulative percent of students at or below a score point.

**Table 2.3. ACT Score Quartile Values** 

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	27	27	29	25	27
Q2 (50th Percentile)	23	24	24	23	24
Q1 (25th Percentile)	20	19	20	20	20

Table 2.4. Average ACT Composite Scores for Race/Ethnicity by Level of Preparation

Student		Number of Students	Percent Taking	Average ACT C	omposite Score
Group	Race/Ethnicity	Tested	Core or More <sup>1</sup>	Core or More	Less Than Core
	All Students	2,469	77	23.8	23.0
	African American/Black	51	65	21.1	19.4
	American Indian/Alaska Native	7	71	22.0	28.0
State	Caucasian American/White	2,021	78	23.7	22.8
	Hispanic	41	80	23.0	21.3
	Asian American/Pacific Islander	61	74	25.5	27.1
	Other/No Response	288	71	24.9	23.9
	All Students	1,480,469	70	22.0	19.1
	African American/Black	196,149	64	17.6	15.9
	American Indian/Alaska Native	15,773	59	20.1	17.4
National	Caucasian American/White	941,206	73	23.0	20.1
	Hispanic	133,569	67	19.6	17.3
	Asian American/Pacific Islander	59,093	80	23.7	21.4
	Other/No Response	134,679	63	22.2	19.0

<sup>1&</sup>quot;Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

Table 2.5. Average ACT Scores by Race/Ethnicity

Student						
Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
	All Students	23.3	23.4	24.1	22.6	23.5
	African American/Black	20.0	20.7	20.3	19.2	20.2
	American Indian/Alaska Native	23.3	24.1	25.1	21.6	23.7
State	Caucasian American/White	23.2	23.2	24.1	22.5	23.4
	Hispanic	22.0	23.1	23.1	21.4	22.5
	Asian American/Pacific Islander	24.9	27.5	25.3	24.7	25.7
	Other/No Response	24.2	24.8	24.6	23.3	24.4
	All Students	20.6	21.0	21.4	20.9	21.1
	African American/Black	16.0	17.1	16.9	17.2	16.9
	American Indian/Alaska Native	17.9	18.7	19.4	19.1	18.9
National	Caucasian American/White	21.9	21.9	22.6	21.9	22.2
	Hispanic	17.7	19.1	18.9	18.8	18.7
	Asian American/Pacific Islander	22.6	24.5	22.7	22.7	23.2
	Other/No Response	20.4	21.0	21.3	20.7	20.9

Table 2.6. Percent of Students in College Readiness Standards (CRS) Score Ranges

Student	CRS	٦		Mathe	matics	Rea	ding	Scie	ence
Group	Range	N	%	N	%	N	%	N	%
	33 to 36	153	6	138	6	221	9	57	2
	28 to 32	433	18	405	16	535	22	284	12
	24 to 27	600	24	735	30	548	22	646	26
State	20 to 23	683	28	525	21	620	25	895	36
	16 to 19	370	15	532	22	357	14	424	17
	13 to 15	148	6	132	5	151	6	125	5
	01 to 12	82	3	2	0	37	1	38	2
	33 to 36	60,269	4	45,198	3	74,801	5	26,524	2
	28 to 32	154,245	10	139,060	9	205,090	14	104,787	7
	24 to 27	251,396	17	293,477	20	226,630	15	287,693	19
National	20 to 23	376,203	25	300,212	20	361,756	24	492,815	33
	16 to 19	303,385	20	495,592	33	334,831	23	367,167	25
	13 to 15	179,194	12	198,214	13	195,336	13	131,197	9
	01 to 12	155,777	11	8,716	1	82,025	6	70,286	5

Table 2.7. Average ACT Scores by Gender

Student Group	Gender				Aver	age ACT Sc	ores	
Student Group	Gender	N	Percent	English	Mathematics	Reading	Science	Composite
	Males	1,064	43	23.0	24.5	24.1	23.0	23.8
State	Females	1,396	57	23.5	22.6	24.2	22.2	23.2
	Missing	9	0	22.1	21.7	21.9	21.7	21.9
	Males	668,165	45	20.2	21.6	21.3	21.4	21.3
National	Females	808,097	55	20.9	20.4	21.4	20.4	20.9
	Missing	4,207	0	20.3	21.2	21.5	20.8	21.1

Table 2.8. Percent of Students Meeting College Readiness Benchmark Scores by Gender

Ī	Student Croup	Gender		Per	cent of Stude	ents	Meet
ı	Student Group	Gender	English	Mathematics	Reading	Science	All Four
Ī	State	Males	83	71	71	45	42
ı	State	Females	86	57	72	36	31
Ī	National	Males	65	47	52	33	27
ı	ivational	Females	69	38	53	24	20

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Total Students in Report: 2,469

Table 2.9. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Overall High School Curriculum

Tubio Eloi													
Student	Curriculum	N	Eng	lish	Mathe	matics	Rea	ding	Scie	ence	Comp	osite	
Group	Taken <sup>1</sup>	14	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % <sup>3</sup>	Avg	
	Core or More <sup>2</sup>	1,899	87	23.6	66	23.7	74	24.4	42	22.9	38	23.8	
State	Less than Core	457	79	22.8	57	22.9	69	23.7	36	22.0	32	23.0	
	Missing	113	65	19.6	46	21.2	42	20.3	20	19.5	17	20.2	
	Core or More	1,039,502	75	21.7	50	21.9	59	22.3	34	21.7	28	22.0	
National	Less than Core	391,458	52	18.3	25	18.9	38	19.4	16	19.2	12	19.1	
	Missing	49,509	35	15.9	16	17.5	25	17.3	10	17.6	7	17.2	

<sup>&</sup>lt;sup>1</sup>"Curriculum Taken" reflects overall high school curriculum in this table.

Table 2.10. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Content-Specific Curriculum

Student	Curriculum	English			Mathematics				Reading		Science		
Group	Taken <sup>1</sup>	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
	Core or More	2,313	86	23.5	2,304	65	23.6	2,048	73	24.2	2,237	43	22.9
State	Less than Core	47	74	20.7	53	17	18.0	311	77	24.7	122	11	18.7
	Missing	109	64	19.6	112	46	21.2	110	42	20.2	110	20	19.5
	Core or More	1,367,549	70	20.9	1,334,313	46	21.4	1,287,169	55	21.7	1,206,541	32	21.5
<b>National</b>	Less than Core	73,276	42	16.8	101,413	7	16.5	151,264	41	19.7	230,683	12	18.4
	Missing	39,644	37	16.1	44,743	17	17.5	42,036	26	17.5	43,245	11	17.7

<sup>&</sup>lt;sup>1</sup> "Curriculum Taken" reflects content-specific curriculum in this table.

For instance, Reading "Core or More" results correspond to students taking three or more years of social studies, regardless of courses taken in other content areas.

<sup>&</sup>lt;sup>2</sup>"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

<sup>&</sup>lt;sup>3</sup>Composite CRB% results reflect students who meet all four subject-area benchmarks.

# Section III College Readiness and the Impact of Course Rigor

Figure 3.1. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ENGLISH

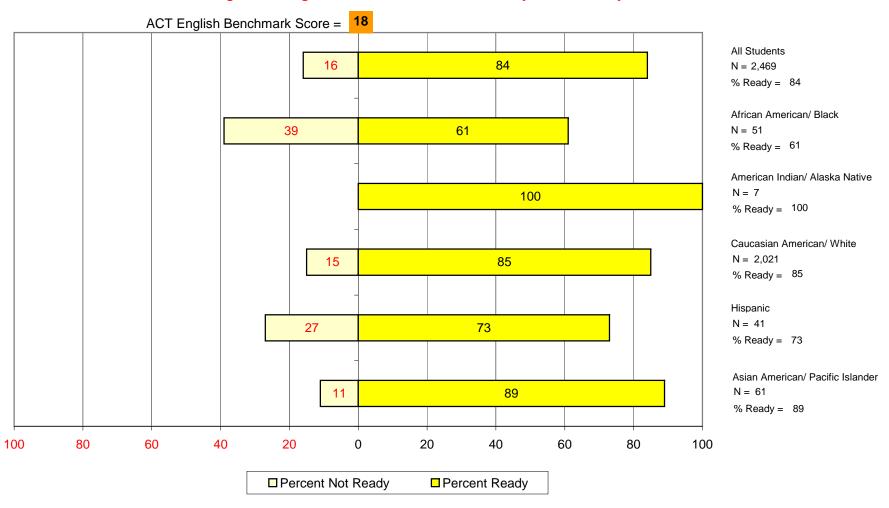


Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: MATHEMATICS

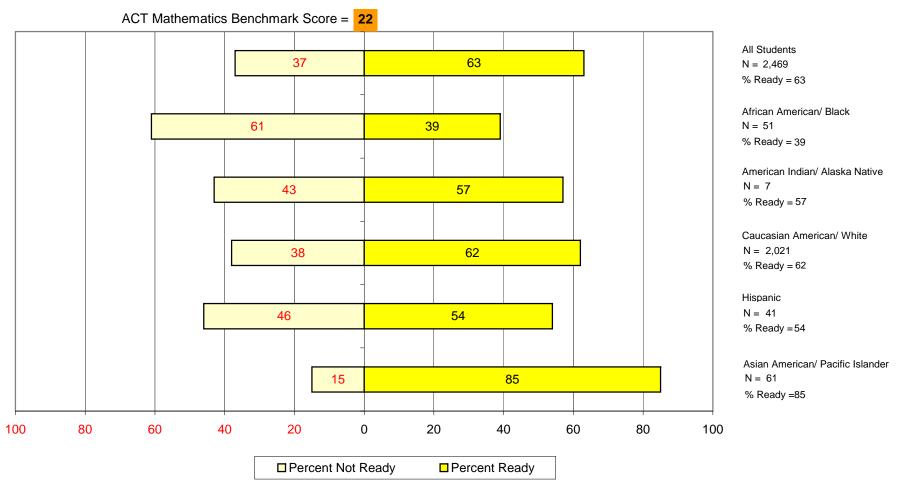


Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: READING

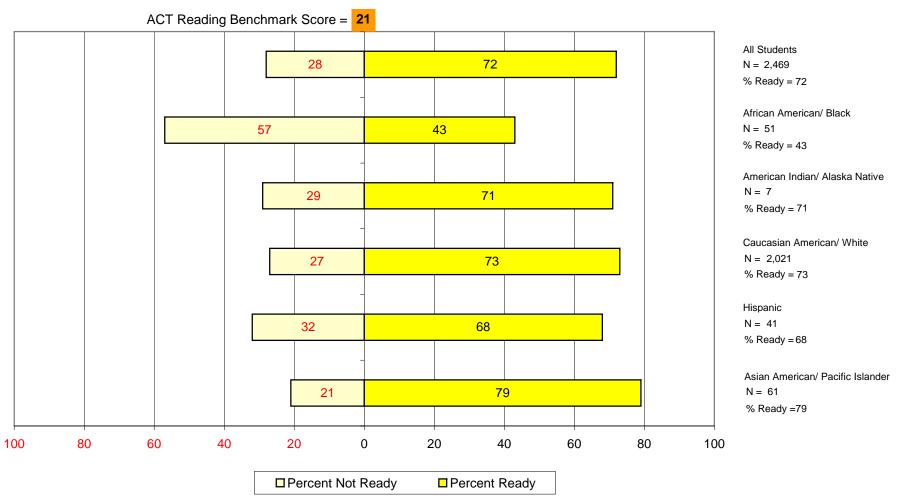
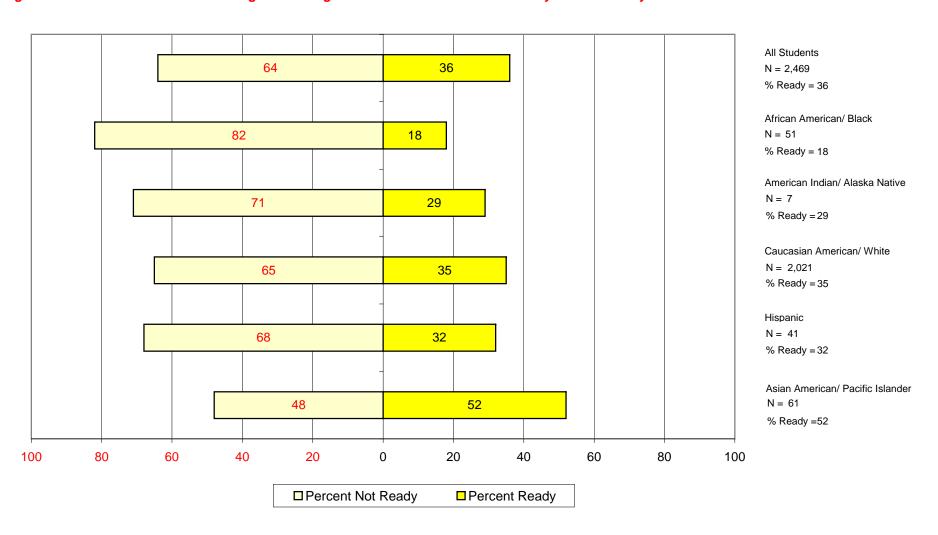


Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: SCIENCE



Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity: ALL FOUR



Course Pattern		All	Students		Males					Females		
			ACT	Course Value			ACT	Course Value			ACT	Course Value
ENGLISH COURSE PATTERN	N	Percent	English	Added <sup>1</sup>	N	Percent	English	Added <sup>1</sup>	N	Percent	English	Added <sup>1</sup>
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	773	31	24.0	3.3	281	26	23.6	3.3	491	35	24.3	3.2
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	1,540	62	23.3	2.6	686	64	23.3	3.0	847	61	23.2	2.1
Less than 4 years of English	49	2	20.7	-	23	2	20.3	-	26	2	21.1	-
No English course/grade information reported	107	4	19.6	-	74	7	19.2	-	32	2	20.4	-
			ACT	Course Value			ACT	Course Value			ACT	Course Value
MATHEMATICS COURSE PATTERN	N	Percent	Math	Added <sup>1</sup>	N	Percent	Math	Added <sup>1</sup>	N	Percent	Math	Added <sup>1</sup>
Alg 1, Alg 2, Geom, Trig, & Calc	188	8	26.8	8.7	75	7	27.8	8.1	112	8	26.2	9.5
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	236	10	22.6	4.5	78	7	23.7	4.0	155	11	22.2	5.5
Alg 1, Alg 2, Geom, & Trig	118	5	21.7	3.6	36	3	22.3	2.6	82	6	21.4	4.7
Alg 1, Alg 2, Geom, & Other Adv Math	410	17	20.7	2.6	126	12	21.4	1.7	281	20	20.4	3.7
Other comb of 4 or more years of Math	1,101	45	25.5	7.4	552	52	26.3	6.6	548	39	24.7	8.0
Alg 1, Alg 2, & Geom (Min. Core)	156	6	18.4	0.3	52	5	19.3	-0.4	104	7	17.9	1.2
Other comb of 3 or 3.5 years of Math	95	4	22.2	4.1	43	4	23.5	3.8	52	4	21.1	4.4
Less than 3 years of Math	57	2	18.1	-	27	3	19.7	-	30	2	16.7	-
No Math course/grade information reported	108	4	21.2	-	75	7	21.3	-	32	2	21.1	-
			ACT	Course Value			ACT	Course Value			ACT	Course Value
SOCIAL SCIENCE COURSE PATTERN	N	Percent	Reading	Added <sup>1</sup>	N	Percent	Reading	Added <sup>1</sup>	N	Percent	Reading	Added <sup>1</sup>
US Hist, World Hist, Am Gov, & Other Hist	76	3	26.2	1.5	44	4	26.5	1.4	31	2	26.1	1.7
Other comb of 4 or more years Social Science	1,198	49	24.2	-0.5	485	46	24.3	-0.8	711	51	24.2	-0.2
US Hist, World Hist, & Am Gov (Min. Core)	43	2	24.9	0.2	15	1	24.1	-1.0	28	2	25.3	0.9
Other comb of 3 or 3.5 years of Social Science	731	30	24.0	-0.7	290	27	23.9	-1.2	436	31	24.0	-0.4
Less than 3 years of Social Science	314	13	24.7	-	156	15	25.1	-	158	11	24.4	-
No Soc Sci course/grade information reported	107	4	20.1	-	74	7	19.9	-	32	2	20.6	-
			ACT	Course Value			ACT	Course Value			ACT	Course Value
NATURAL SCIENCE COURSE PATTERN	N	Percent	Science	Added <sup>1</sup>	N	Percent	Science	Added <sup>1</sup>	N	Percent	Science	Added <sup>1</sup>
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	1,416	57	23.4	4.6	655	62	23.8	4.4	756	54	23.0	4.6
Bio, Chem, Phys	199	8	24.4	5.6	94	9	25.6	6.2	104	7	23.3	4.9
Gen Sci <sup>2</sup> , Bio, Chem (Min. Core)	561	23	21.5	2.7	158	15	21.1	1.7	401	29	21.6	3.2
Other comb of 3 years of Natural Science	61	2	20.8	2.0	35	3	21.8	2.4	26	2	19.5	1.1
Less than 3 years of Natural Science	123	5	18.8	-	47	4	19.4	-	76	5	18.4	-
No Nat Sci course/grade information reported	109	4	19.4	_	75	7	19.7	_	33	2	18.7	_

<sup>&</sup>lt;sup>1</sup>Course value added is defined as the average ACT score change compared to a less than core course sequence.

<sup>&</sup>lt;sup>2</sup>Includes General, Physical and Earth Sciences.

**Table 3.2. College Readiness Percents by Common Course Patterns** 

Course Pattern			State		National					
		Percent Taking	Avg ACT	Percent Meeting		Percent Taking	Avg ACT	Percent Meeting		
ENGLISH COURSE PATTERN	N	Pattern	English	Benchmark	N	Pattern	English	Benchmark		
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	773	31	24.0	87	338,118	23	22.0	76		
Eng 9, Eng 10, Eng 11, Eng 12 (Min. Core)	1,540	62	23.3	85	1,029,431	70	20.6	68		
Less than 4 years of English	49	2	20.7	76	74,090	5	16.7	42		
No English course/grade information reported	107	4	19.6	64	38,830	3	16.1	37		
		Percent Taking	Avg ACT	Percent Meeting		Percent Taking	Avg ACT	Percent Meeting		
MATHEMATICS COURSE PATTERN	N	Pattern	Math	Benchmark	N	Pattern	Math	Benchmark		
Alg 1, Alg 2, Geom, Trig, & Calc	188	8	26.8	91	92,630	6	24.5	71		
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	236	10	22.6	61	135,244	9	22.1	56		
Alg 1, Alg 2, Geom, & Trig	118	5	21.7	53	110,962	7	20.0	35		
Alg 1, Alg 2, Geom, & Other Adv Math	410	17	20.7	40	220,868	15	20.1	36		
Other comb of 4 or more years of Math	1,101	45	25.5	80	455,130	31	23.9	66		
Alg 1, Alg 2, & Geom (Min. Core)	156	6	18.4	20	248,747	17	17.5	12		
Other comb of 3 or 3.5 years of Math	95	4	22.2	53	70,732	5	20.1	35		
Less than 3 years of Math	57	2	18.1	18	105,591	7	16.5	7		
No Math course/grade information reported	108	4	21.2	46	40,565	3	17.7	18		
		Percent Taking	Avg ACT	Percent Meeting		Percent Taking	Avg ACT	Percent Meeting		
SOCIAL SCIENCE COURSE PATTERN	N	Pattern	Reading	Benchmark	N	Pattern	Reading	Benchmark		
US Hist, World Hist, Am Gov, & Other Hist	76	3	26.2	87	46,754	3	22.8	61		
Other comb of 4 or more years Social Science	1,198	49	24.2	72	735,636	50	22.0	57		
US Hist, World Hist, & Am Gov (Min. Core)	43	2	24.9	77	84,543	6	20.6	47		
Other comb of 3 or 3.5 years of Social Science	731	30	24.0	72	420,236	28	21.3	52		
Less than 3 years of Social Science	314	13	24.7	77	152,775	10	19.7	40		
No Soc Sci course/grade information reported	107	4	20.1	40	40,525	3	17.5	26		
NATURAL COLENOS COLUCES DATESTA	NI	Percent Taking	Avg ACT	Percent Meeting	N	Percent Taking	Avg ACT	Percent Meeting		
NATURAL SCIENCE COURSE PATTERN	N	Pattern	Science	Benchmark	N	Pattern	Science	Benchmark		
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	1,416	57	23.4	46	563,824	38	22.2	39		
Bio, Chem, Phys	199	8	24.4	56	141,531	10	23.3	47		
Gen Sci <sup>1</sup> , Bio, Chem (Min. Core)	561	23	21.5	29	459,833	31	20.1	21		
Other comb of 3 years of Natural Science	61	2	20.8	31	41,353	3	19.8	21		
Less than 3 years of Natural Science	123	5	18.8	12	233,215	16	18.4	11		
No Nat Sci course/grade information reported	109	4	19.4	19	40,713	3	17.7	11		

<sup>&</sup>lt;sup>1</sup>Includes General, Physical and Earth Sciences.

Code 309999 New Hampshire

Total Students in Report: 2,469

### Section IV Career and Educational Aspirations

New Hampshire

Table 4.1. Distribution of Planned Educational Majors for All Students by College Plans

Table 4.1. Distribution of Flamed		All Students			Years or Less	of College	Plan on 4 Years or More of College			
Planned Educational Major	N <sup>1</sup>	Percent <sup>2</sup>	Avg ACT Comp	N	Percent <sup>2</sup>	Avg ACT Comp	N	Percent <sup>2</sup>	Avg ACT Comp	
Agriculture Sciences & Technologies	20	1	21.4	0	0		16	1	21.4	
Architecture & Environmental Design	32	1	23.5	0	0		30	1	23.3	
Business & Management	257	10	22.8	4	17	15.5	225	11	22.9	
Business & Office	11	0	20.2	1	4	19.0	10	0	20.3	
Marketing & Distribution	35	1	21.4	0	0		32	2	21.4	
Communications & Comm. Technologies	91	4	22.7	0	0		84	4	22.7	
Community & Personal Services	21	1	20.3	4	17	16.0	16	1	20.9	
Computer & Information Sciences	42	2	24.0	1	4	21.0	35	2	23.7	
Cross-Disciplinary Studies	24	1	25.8	0	0		21	1	25.9	
Education	60	2	20.9	0	0		56	3	21.1	
Teacher Education	30	1	20.9	0	0		29	1	20.6	
Engineering	118	5	26.1	0	0		110	5	26.0	
Engineering-Related Technologies	71	3	25.0	2	9	16.0	63	3	25.5	
Foreign Languages	29	1	25.3	0	0		24	1	25.5	
Health Sciences & Allied Health Fields	338	14	23.1	5	22	18.0	313	15	23.2	
Human, Family & Consumer Science	17	1	22.6	2	9	21.5	13	1	22.2	
Letters	26	1	27.1	0	0		25	1	27.0	
Mathematics	24	1	27.5	0	0		22	1	27.4	
Philosophy, Religion & Theology	20	1	24.0	0	0		18	1	23.9	
Sciences (Biological & Physical)	250	10	25.0	1	4	19.0	223	11	24.9	
Social Sciences	227	9	24.3	0	0		208	10	24.3	
Trade & Industrial	5	0	19.6	0	0		5	0	19.6	
Visual & Performing Arts	129	5	22.2	2	9	17.5	112	6	22.4	
Undecided	422	17	24.0	1	4	13.0	331	16	23.9	
No Response	170	7	20.6	0	0		13	1	21.8	

<sup>&</sup>lt;sup>1</sup>2-Year and 4-Year "N" counts do not reflect "Missing" and "Other" institution types, therefore they may not add up to the N count for All Students.

<sup>&</sup>lt;sup>2</sup>Percent of students tested within College Plan groups (All Students, 2-Year, 4-Year).

Code 309999 New Hampshire

Total Students in Report: 2,469

Table 4.2. Average ACT Composite Scores for Racial/Ethnic Groups by Post-Secondary Educational Aspirations

Educational Degree	All Racial/Ethnic Groups Combined				American Indian/ Alaska Native		Caucasian American/White		Hispanic		Asian American/ Pacific Islander		Other/No Response	
Aspirations	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	4	16.0	0		0		4	16.0	0		0		0	
2-yr College Degree	19	17.6	1	13.0	0		16	18.3	1	13.0	0		1	16.0
Bachelors Degree	766	21.7	15	19.3	3	21.3	681	21.7	3	17.3	7	22.4	57	22.7
Graduate Study	660	24.4	7	21.1	1	25.0	575	24.4	13	22.4	11	24.5	53	25.2
Prof. Level Degree	608	25.4	14	24.5	3	25.7	462	25.3	18	23.6	27	27.1	84	26.0
Other	34	20.8	0		0		29	21.4	1	19.0	0		4	16.8
No Response	378	22.8	14	16.8	0		254	22.6	5	24.6	16	25.5	89	23.8

Table 4.3. Students' Score Report Preferences at Tim	e of Testing										
		Percent of Students in								n	
		Nun	nber of Stud	ents	С	ollege l	<mark>Readin</mark>	ess Sta	<mark>indards</mark>	Range	S
				2nd-6th							
Name	State	Total	1st Choice	Choice	01-12	13-15	16-19	20-23	24-27	28-32	33-36
UNIVERSITY OF NEW HAMPSHIRE	New Hampshire	326	95	231	0	3	15	31	36	14	1
NORTHEASTERN UNIVERSITY	Massachusetts	102	30	72	0	1	9	19	41	28	2
KEENE STATE COLLEGE	New Hampshire	93	22	71	0	11	33	32	17	6	0
PLYMOUTH STATE UNIVERSITY	New Hampshire	80	19	61	1	18	41	29	9	3	0
BOSTON UNIVERSITY	Massachusetts	79	35	44	0	1	8	23	39	28	1
UNIVERSITY OF VERMONT	Vermont	71	20	51	0	0	3	28	48	18	3
BOSTON COLLEGE	Massachusetts	61	19	42	0	2	8	20	34	36	0
DARTMOUTH COLLEGE	New Hampshire	61	21	40	0	2	3	13	39	36	7
NCAA ELIGIBILITY CENTER	Indiana	61	42	19	5	15	28	20	25	8	0
SAINT ANSELM COLLEGE	New Hampshire	50	11	39	2	6	22	30	32	8	0
UNIVERSITY OF CONNECTICUT	Connecticut	49	10	39	2	2	8	16	53	18	0
TUFTS UNIVERSITY	Massachusetts	45	12	33	0	0	4	4	27	58	7
QUINNIPIAC UNIVERSITY	Connecticut	44	15	29	0	0	18	30	50	2	0
SOUTHERN NEW HAMPSHIRE UNIVERSITY	New Hampshire	41	5	36	0	7	34	44	7	7	0
UNIVERSITY OF RHODE ISLAND	Rhode Island	40	6	34	0	0	20	28	43	8	3
WORCESTER POLYTECHNIC INST	Massachusetts	38	11	27	0	0	0	16	42	39	3
BROWN UNIVERSITY	Rhode Island	36	12	24	0	0	0	8	28	61	3
UNIVERSITY OF NEW ENGLAND	Maine	34	9	25	0	6	24	29	32	9	0
ENDICOTT COLLEGE	Massachusetts	30	11	19	0	3	40	40	17	0	0
RENSSELAER POLYTECHNIC INSTITUTE	New York	30	5	25	0	0	3	17	43	37	0
UNIV OF MASSACHUSETTS AMHERST	Massachusetts	30	4	26	0	7	13	33	30	17	0
ROGER WILLIAMS UNIVERSITY	Rhode Island	29	5	24	3	10	3	34	41	7	0
BENTLEY COLLEGE	Massachusetts	28	8	20	0	11	14	14	50	11	0
CORNELL UNIVERSITY	New York	27	9	18	0	0	4	19	19	48	11
COLBY-SAWYER COLLEGE	New Hampshire	26	4	22	0	12	35	27	19	8	0
RIVIER COLLEGE	New Hampshire	26	8	18	0	15	38	35	8	4	0
SYRACUSE UNIVERSITY	New York	26	1	25	0	0	12	19	42	27	0
UNIV OF MASSACHUSETTS LOWELL	Massachusetts	26	4	22	0	12	31	42	12	4	0
BOB JONES UNIVERSITY	South Carolina	24	18	6	0	8	25	42	21	4	0
BRYANT UNIVERSITY	Rhode Island	24	4	20	0	0	4	46	42	8	0
All Other Institutions		1,950	533	1,417	0	3	16	26	30	22	3
Total		3,587	1,008	2,579	0	4	16	26	31	20	2

## Section V Optional Writing Test Results

Table 5.1. Average ACT English and Writing Scores by Race/Ethnicity and Gender for students who took ACT Writing

Table 5.1. Average AoT English	and Writing O	nd Writing Scores by Nace/Etimicity and Gender for Students who took ACT Writing											
					Average A	ACT Scores							
		N	Enç	glish	Es	say	English/Writing Combined						
	State	National	State	National	State	National	State	National					
All Students	2,022	814,713	23.7	21.5	7.8	7.2	23.0	20.8					
African American/Black	46	96,225	20.6	16.5	6.9	6.4	20.0	16.5					
American Indian/Alaska Native	4	5,489	24.5	18.9	7.5	6.7	23.3	18.5					
Caucasian American/White	1,636	497,164	23.6	22.8	7.8	7.3	23.0	21.9					
Hispanic	36	85,681	21.9	18.4	7.2	7.0	21.1	18.4					
Asian American/Pacific Islander	60	44,716	24.8	23.5	7.7	7.6	23.8	22.8					
Other/No Response	240	85,438	24.8	21.4	8.0	7.2	24.0	20.8					
Males	867	357,025	23.4	21.1	7.6	6.9	22.6	20.3					
Females	1,151	455,190	23.8	21.7	8.0	7.4	23.3	21.2					
Missing	4	2,498	26.3	22.1	8.5	7.2	25.5	21.3					